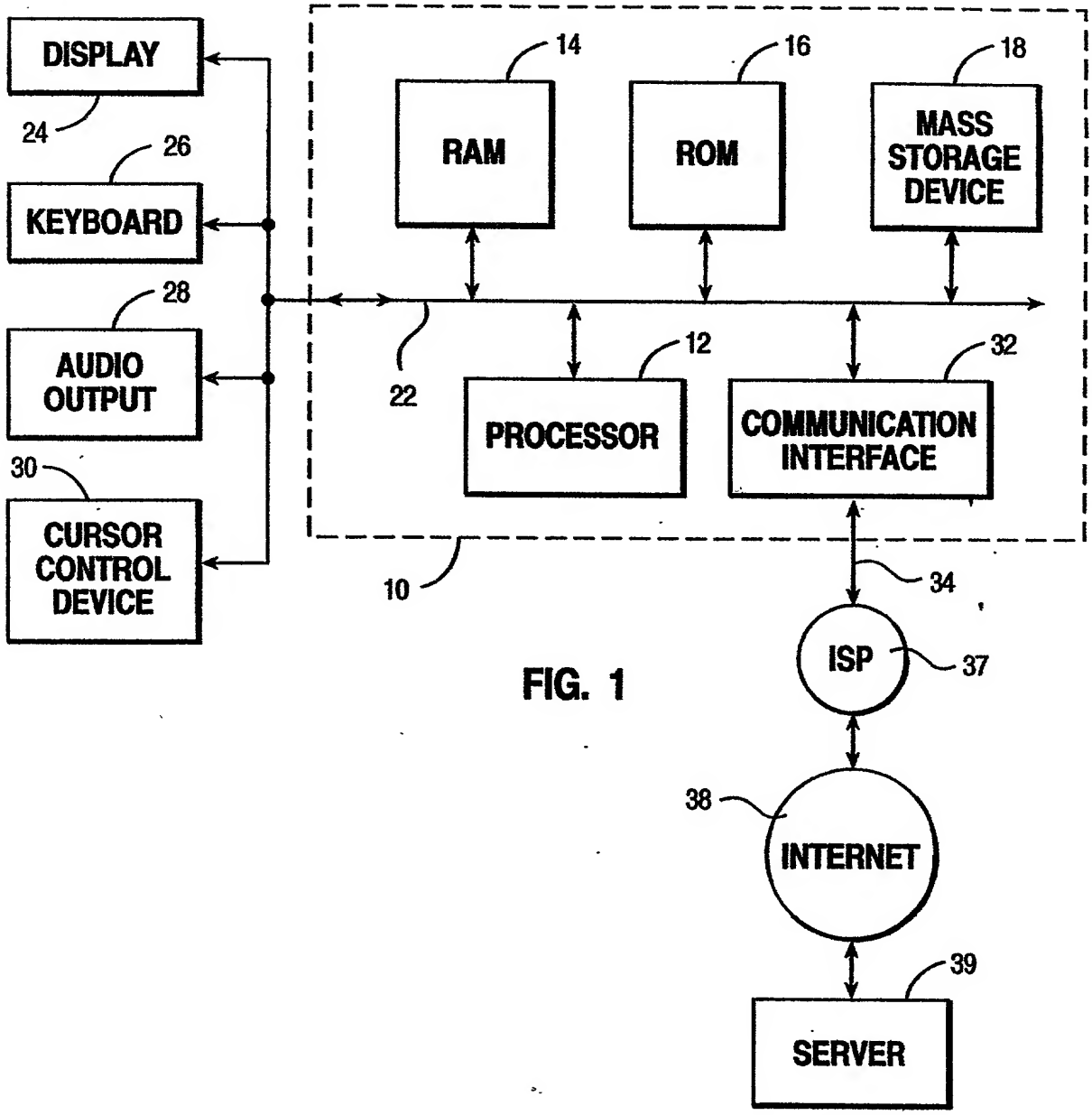

FIG. 1

ET420197585US

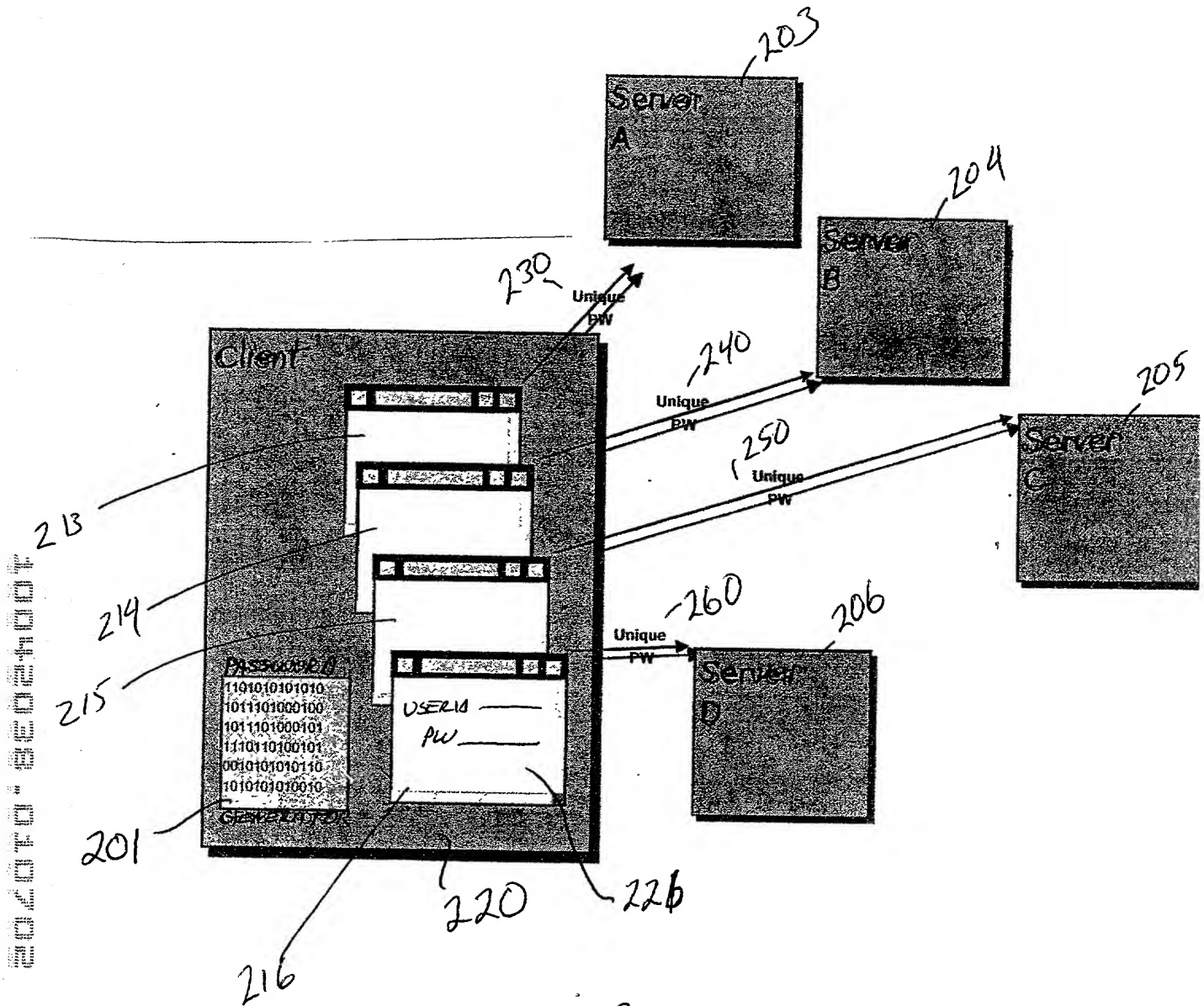
203
Server A
204
Server B
205
Server C
206
Server D
230
Unique PW
240
Unique PW
250
Unique PW
260
Unique PW
Client
213
214
215
201
220
226
216
USERID
PW
1101010101010
1011101000100
1011101000101
1110110100101
0010101010110
1010101010010

FIG. 2

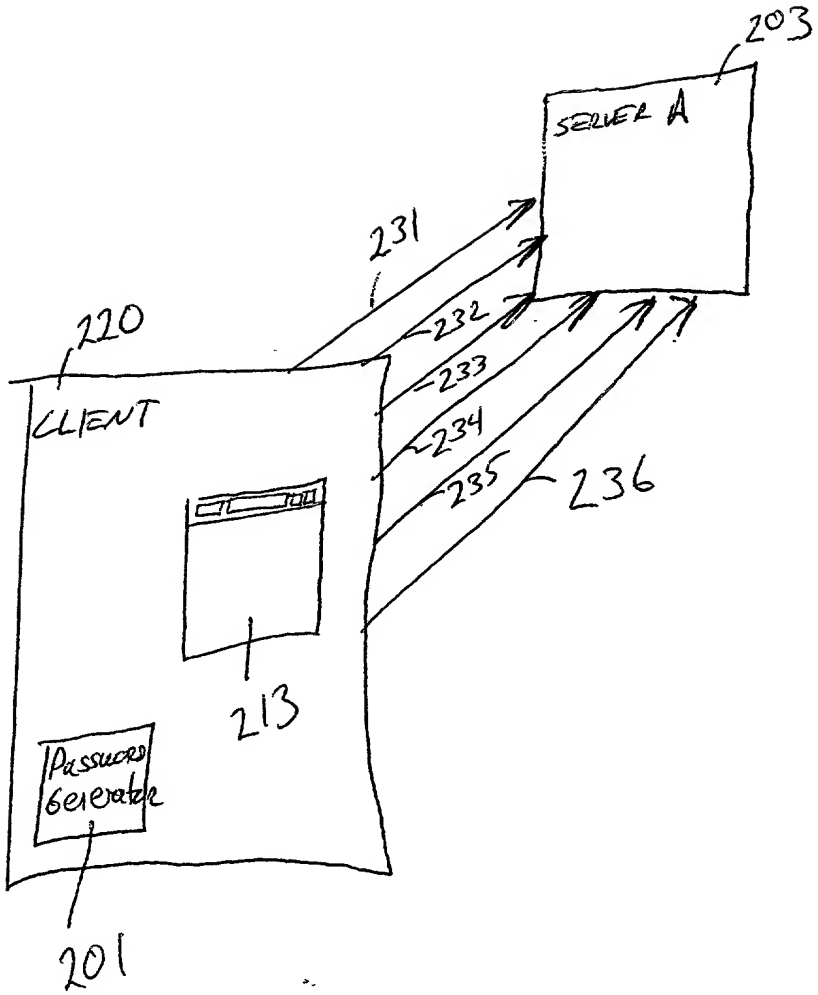
203
SERVER A
231
220
232
233
234
235
236
CLIENT
213
Password generator
201

FIG. 3

20070204020

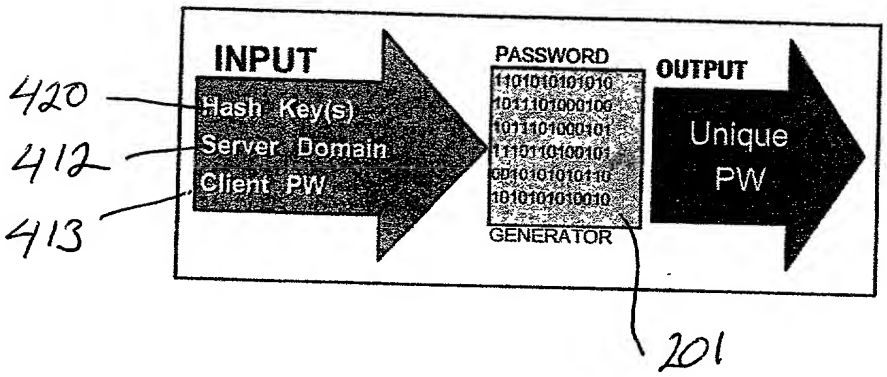

FIG. 4

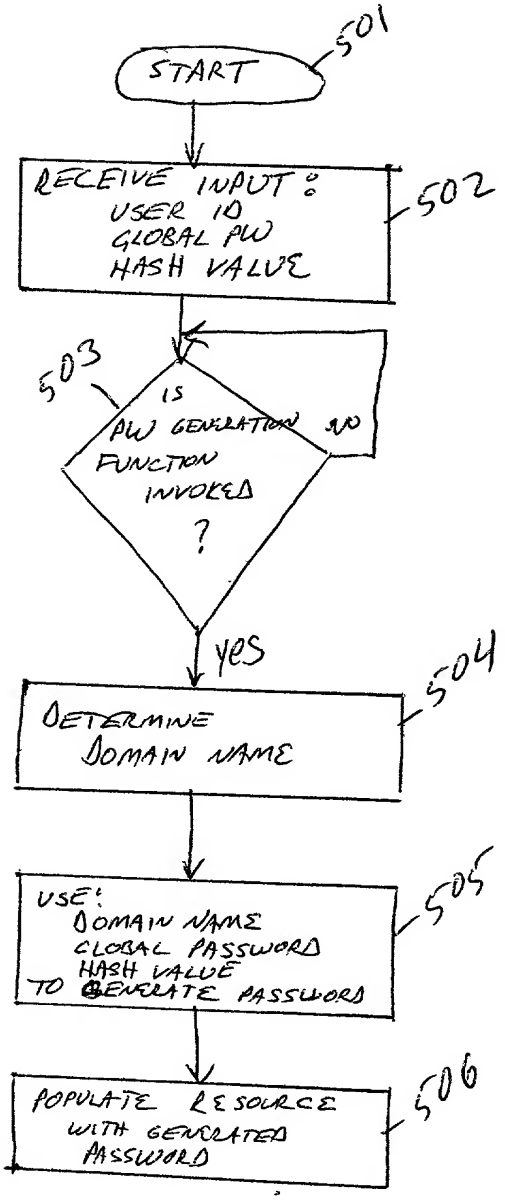
START
501
RECEIVE INPUT:
USER ID
GLOBAL PW
HASH VALUE
502
503
IS
PW GENERATION
FUNCTION
INVOKED
?
NO
YES
DETERMINE
DOMAIN NAME
504
USE:
DOMAIN NAME
GLOBAL PASSWORD
HASH VALUE
TO GENERATE PASSWORD
505
POPULATE RESOURCE
WITH GENERATED
PASSWORD
506

FIG. 5A

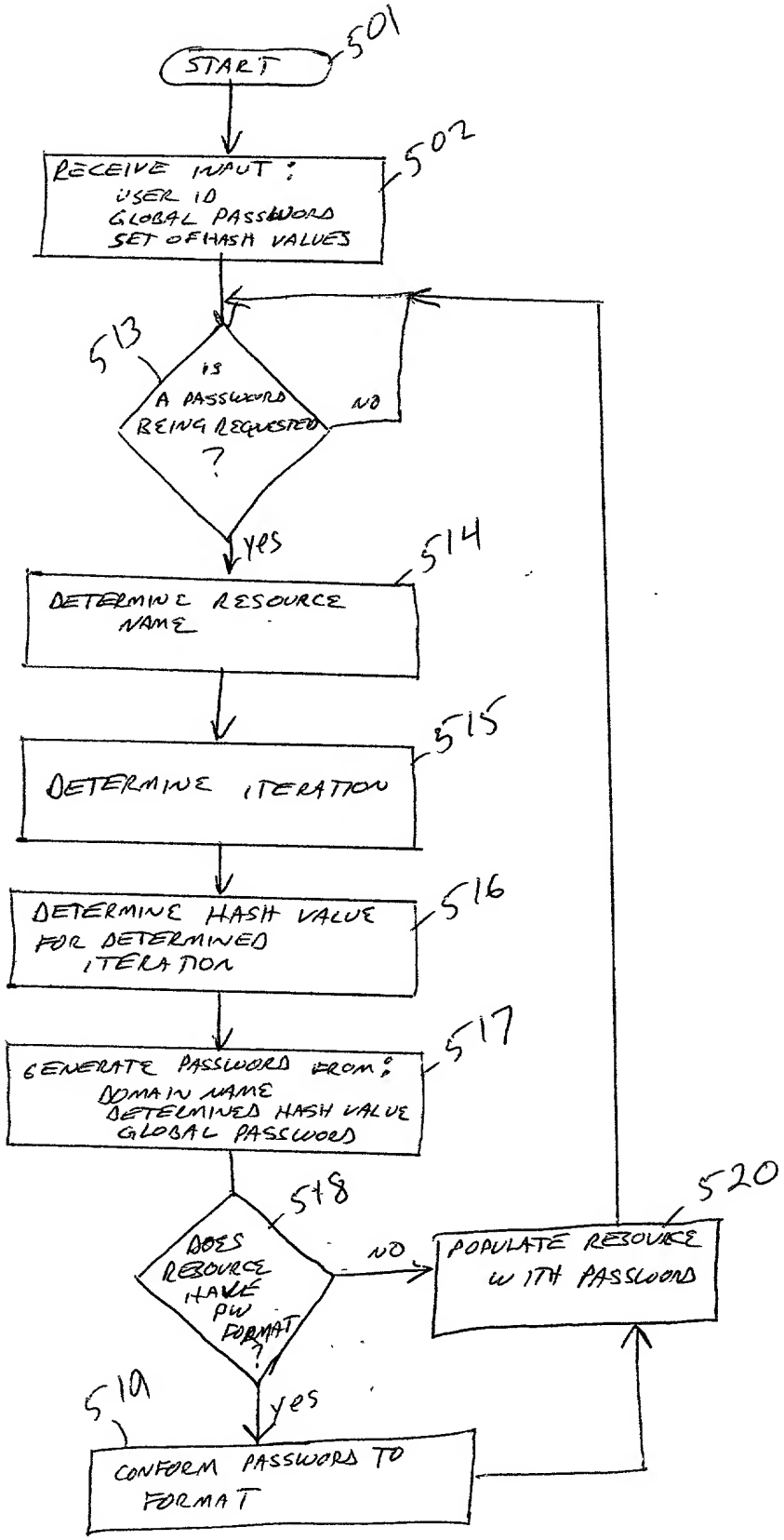
START
501
RECEIVE INPUT:
USER ID
GLOBAL PASSWORD
SET OF HASH VALUES
502
513
IS A PASSWORD BEING REQUESTED ?
NO
YES
514
DETERMINE RESOURCE NAME
515
DETERMINE ITERATION
516
DETERMINE HASH VALUE FOR DETERMINED ITERATION
517
GENERATE PASSWORD FROM:
DOMAIN NAME
DETERMINED HASH VALUE
GLOBAL PASSWORD
518
DOES RESOURCE HAVE PW FORMAT ?
NO
520
POPULATE RESOURCE WITH PASSWORD
YES
510
CONFORM PASSWORD TO FORMAT

FIG. 5B

RESOURCE NAME (611)	ITERATION (612)	FORMAT (613)
NYTIMES.COM	2	F1
WSJ.COM	3	F8

600

FIG. 6